Contents of Volume 38

Articles

Andrews, T. G., Smith, D. D. and Kahn, L. A. **An Empirical Analysis of the Effectiveness of Psychological Warfare** 240
Anikeeff, A. M. **Attitudes on Social Issues of Business Administrators and Students in a School of Business Administration** 407
Anikeeff, A. M. **Index of Collaboration for Test Administrators** 174
Anikeeff, A. M. **Scholastic Achievement of Extension and Regular College Students** 171
Appel, V. and Kipnis, D. **The Use of Levels of Confidence in Item Analysis** 256
Ash, P. **Reliability and Validity of the Kopas Personnel Test Battery** 155
Balinsky, B. and Hujsa, C. **Performance of College Students on a Mechanical Knowledge Test** 111
Bayton, J. A. and Thomas, C. M. **Comparative and Single Stimulus Methods in Determining Taste Preferences** 443
Bendig, A. W. **Reliability and the Number of Rating Scale Categories** 38
Bendig, A. W. **Reliability of Short Rating Scales and the Heterogeneity of the Rated Stimuli** 167
Bendig, A. W. and Sprague, J. L. **The Guilford Zimmerman Temperament Survey as a Predictor of Achievement Level and Achievement Fluctuation in Introductory Psychology** 409
Bernberg, R. E. **Personality Correlates of Social Conformity** 148
Bernstein, L. **An Application of Rogerian Concepts to Nurse-Patient Relationships** .. 324
Brayfield, A. H., Kennedy, Jr., C. E. and Kendall, W. E. **Social Status of Industries** 213
Briggs, S. J., McCormick, E. J. and Kephart, N. C. **The Effect of Hammer Size on Efficiency in the Task of Nailing** 1
Browne, R. C. **Figure and Ground in a Two Dimensional Display** 462
Bruce, M. M. **A Sales Comprehension Test** 302
Callis, R., Engram, W. C. and McGowan, J. F. **Coding the Kuder Preference Record—Vocational** 359
Clark, J. G. and Owens, W. A. **A Validation Study of the Worthington Personal History Blank** 85
Clark, K. E. and Gee, H. H. **Selecting Items for Interest Inventory Keys** 12
Clements, F. E., Bayton, J. A. and Bell, H. P. **Method of Single Stimulus Determinations of Taste Preference** 446
Comrey, A. L. and Deskin, G. **Further Results on Group Manual Dexterity in Men** 116
Comrey, A. L. and Deskin, G. **Group Manual Dexterity in Women** 178
Cook, W. W. and Medley, D. M. **Proposed Hostility and Pharisaic-Virtue Scales for the MMPI** 414
Daniels, H. W. and Edgerton, H. A. **The Development of Criteria of Safe Operation for Groups** 47
Davis, R. A. **Note on Age and Productive Scholarship of a University Faculty** 318
Dingman, H. F. and Guilford, J. P. **A New Method for Obtaining Weighted Composites of Ratings** 305
Di Vesta, F. J. **The Effect of Methods of Presentation and Examining Conditions on Student Achievement in a Correspondence Course** 253
Di Vesta, F. J. **Instructor-Centered and Student-Centered Approaches in Teaching a Human Relations Course** 329
Di Vesta, F. J. **Subscore Patterns on ACE Psychological Examination Related to Educational and Occupational Differences** 248

Falk, G. H. and Bayroff, A. G. **Rater and Technique Contamination in Criterion Ratings** ... 100
Gaiennie, L. R. **Organization Control in Business** ... 289
Garvey, W. D. and Knowles, W. B. **Pointing Accuracy of a Joy Stick Without Visual Feedback** ... 191
Glaser, R. and Jacobs, O. **Predicting Achievement in Medical School: A Comparison of Preclinical and Clinical Criteria** ... 245
Gordon, D. A., Zeidner, J., Zagorski, H. J. and Uhlaner, J. E. **Visual Acuity Measurements by Wall Charts and Ortho-Rater Tests** ... 54
Grace, H. A. **Facilitating Legislative Research** ... 268
Graham, W. R. **Identification and Prediction of Two Training Criterion Factors** ... 96
Guilford, J. P. **The Validation of an "Indecision" Score for Prediction of Proficiency of Foremen** ... 224
Gustad, J. W. **Vocational Interests and Socio-Economic Status** ... 336
Harris, S. J. and Smith, K. U. **Dimensional Analysis of Motion: VII. Extent and Direction of Manipulative Movements as Factors in Defining Motions** ... 126
Hay, E. N. **Comparative Validities in Clerical Testing** ... 299
Hendrix, O. R. **"A Note" Acknowledged** ... 9
Herzberg, F. **Temperament Measures in Industrial Selection** ... 81
Hollander, E. P. **Peer Nominations on Leadership as a Predictor of the Pass-Fail Criterion in Naval Air Training** ... 150
Hollander, E. P. and Bair, J. T. **Attitudes Toward Authority-Figures as Correlates of Motivation Among Naval Aviation Cadets** ... 21
Holmen, M. G. **The Specialization Level Scale for the Strong Vocational Interest Blank** ... 159
Humm, D. G. and Humm, K. A. **Discussion of Gilliland and Newman's "The Humm-Wadsworth Temperament Scale as an Indicator of the 'Problem' Employee"** ... 131
Jacobs, R. **A Note on "Predicting Success in Elementary Accounting"** ... 7
Jenkins, W. L. and Karr, A. C. **The Use of a Joy-Stick in Making Settings on a Simulated Scope Face** ... 457
Johnson, R. J. **Relationship of Employee Morale to Ability to Predict Responses** ... 320
Kephart, N. C. and Deutsch, S. **Effect of Illumination on Scores with Instrument Acuity Tests** ... 59
Layton, W. L. **The Relation of Ninth Grade Test Scores to Twelfth Grade Test Scores and High School Rank** ... 10
Levine, P. R. and Wallen, R. **Adolescent Vocational Interests and Later Occupation** ... 428
Lincoln, R. S. **Rate Accuracy in Handwheel Cranking** ... 195
Littman, R. A. and Manning, H. M. **A Methodological Study of Cigarette Brand Discrimination** ... 185
Lockman, R. F. **Some Relationships Between the MMPI and a Problem Checklist** ... 264
Longstaff, H. P. **Practice Effects on the Minnesota Vocational Test for Clerical Workers** ... 18
MacKinney, A. C. and Jenkins, J. J. **Readability of Employee's Letters in Relation to Occupational Level** ... 26
MacLean, A. G. and Tait, A. T. **Some Computational Short-Cuts in the Development or Analysis of Tests** ... 260
MacPhail, A. H. **Interest Patterns for Certain Degree Groups on the Lee-Thorpe Occupational Interest Inventory** ... 164
Maloney, P. W. **Comparability of Personal Attitude Scale Administration with Mail Administration with and without Incentive** ... 238

Marchetti, P. V. **Manager-Employee "Understanding" in the Retail Grocery and Meat Market** ... 216
Mason, H. M. **A Comparative Evaluation of Two Approaches to Job-Knowledge Test Construction** ... 384
McArthur, C. **Long-Term Validity of the Strong Interest Test in Two Subcultures** ... 346
McCormick, E. J. and North, W. E. **The Analysis of an Experimental Job Evaluation System as Applied to Enlisted Naval Jobs** ... 233
McQuitty, L. L., Wrigley, C. and Gaier, E. L. **An Approach to Isolating Dimensions of Job Success** ... 227
Meyer, H. D. and Pressel, G. L. **Personality Test Scores in the Management Hierarchy** ... 73
Minnesota State Employment Service in Cooperation with the U. S. Employment Service, U. S. Department of Labor, Washington, D. C. **Standardization of the GATB for the Occupation of Tabulating Machine Operator** ... 297
Mintz, A. **The Inference of Accident Liability from the Accident Record** ... 41
Mintz, A. **Time Intervals Between Accidents** ... 401
Mosel, J. N. **Response Reliability of the Activity Vector Analysis** ... 157
Muckler, F. A. and Matheny, W. G. **Transfer of Training in Tracking as a Function of Control Friction** ... 364
Neidt, C. O. and Malloy, J. P. **A Technique for Keying Items of an Inventory to Be Added to an Existing Test Battery** ... 308
Newman, S. H. **Quantitative Analysis of Verbal Evaluations** ... 293
Owens, Jr., W. A. **The Retest Consistency of Army Alpha After Thirty Years** ... 154
Owens, Jr., W. A. **A Reply to Drs. Peck-Stephenson** ... 371
Patton, Jr., W. M. **Studies in Industrial Empathy: III. A Study of Supervisory Empathy in the Textile Industry** ... 285
Peck, R. F. and Stephenson, W. **A Correction of the Clark-Owens Validation Study of the Worthington Personal History Technique** ... 368
Powers, R. D. **Sampling Problems in Studies of Writing Style** ... 105
Rosenberg, N. and Izard, C. E. **Vocational Interests of Naval Aviation Cadets** ... 354
Ross, S., Hussman, T. A. and Andrews, T. G. **Effects of Fatigue and Anxiety on Certain Psychomotor and Visual Functions** ... 119
Rust, R. M. and Ryan, F. J. **The Strong Vocational Interest Blank and College Achievement** ... 341
Scales, E. M. and Chapanis, A. **The Effect on Performance of Tilting the Toll-Operator's Keyset** ... 452
Siegel, A. I. **The Check List as a Criterion of Proficiency** ... 93
Siegel, A. I. **An Experimental Evaluation of the Sensitivity of the Empathy Test** ... 222
Siegel, A. I. **Retest-Reliability by a Movie Technique of Test Administrators' Judgments of Performance in Process** ... 390
Singer, S. L. and Stefflre, B. **The Relationship of Job Values and Desires to Vocational Aspirations of Adolescents** ... 419
Spector, A. J. **Influences on Merit Ratings** ... 393
Stone, J. B. **Differential Prediction of Academic Success at Brigham Young University** ... 109
Stordahl, K. E. **Permanence of Interests and Interest Maturity** ... 339
Stordahl, K. E. **Permanence of Strong Vocational Interest Blank Scores** ... 423
Strong, Jr., E. K. **Validity versus Reliability** ... 103
Teel, K. S. and Du Bois, P. H. **Psychological Research on Accidents: Some Methodological Considerations** ... 397
Tiffin, J. and Winick, D. M. **A Comparison of Two Methods of Measuring the Attention-Drawing Power of Magazine Advertisements** ... 272

Tinker, M. A. **Readability of Mathematical Tables** 436
Van Zelst, R. H. **The Effect of Age and Experience upon Accident Rate** 313
Van Zelst, R. H. and Kerr, W. A. **Personality Self-Assessment of Scientific and Technical Personnel** 145
Washburne, N. F. and Andrew, D. C. **Relation of Scholastic Aptitude to Socio-economic Status and to a Rural-to-Urban Continuum** 113
Wexner, L. B. **The Degree to Which Colors (Hues) Are Association with Mood-Tones** 432
Wilson, R. C. and Comrey, A. L. **A Short Method of Factor Analysis** 181
Wilson, R. C., High, W. S., Beem, H. P. and Comrey, A. L. **A Factor-Analytic Study of Supervisory and Group Behavior** 89
Witryol, S. L. **Scaling Procedures Based on the Method of Paired Comparisons** 31
Wood, T. L. **The Relationship Between Mechanical Aptitude and Proficiency Tests for Air Force Mechanics** 381

Book Reviews

Anonymous. Army Personnel Tests and Measurements: Harold E. Burtt 280
Berdie's Roles and Relationships in Counseling: Arthur H. Brayfield 375
Bross' Design for Decision: Allen L. Edwards 376
Bullock's Social Factors Related to Job Satisfaction, a Technique for the Measurement of Job Satisfaction: Howard L. Roy 142
Buros' The Fourth Mental Measurements Yearbook: Charles N. Morris 281
Coombs' A Theory of Psychological Scaling: Marvin D. Dunnette 66
Husband's The Psychology of Successful Selling: Brent Baxter 65
Illuminating Engineering Society's Recommended Practice for Residence Lighting: Miles A. Tinker 141
Jahoda, Deutsch, and Cook's Research Methods in Social Relations, with Especial Reference to Prejudice; Vol. I: Basic Processes; Vol. II: Selected Techniques: Harrison G. Gough 66
Jennings' Techniques of Successful Foremanship: Theodore R. Lindbom 207
Kinsey, Pomeroy, Martin, Gebhard, *et al.* Sexual Behavior in the Human Female; Hiltner's Sex Ethics and the Kinsey Reports; and Aberle and Corner's Twenty-five Years of Sex. Research History of the National Research Council Committee: Donald G. Paterson 205
Lawshe's Psychology of Industrial Relations: A. S. Thompson 64
Leitner's Hypnotism for Professionals: William T. Heron 207
Lincoln's Incentive Management: Albert S. Thompson 135
Lundin's An Objective Psychology of Music: Kate Hevner Mueller 206
Marketing and Social Research Division of the Psychological Corporation's The Measured Effectiveness of Employee Publications: Donald G. Paterson 279
Comment on Preceding Review: Charles L. Vaughn 280
McFarland's Human Factors in Air Transportation: George K. Bennett 65
Montagu's The Natural Superiority of Women: Leona E. Tyler 208
New York Academy of Medicine and the Josiah Macy, Jr. Foundation's (Transactions of the Conference on) Morale—and the Prevention and Control of Panic: Clark L. Hosmer 67
Personality: Symposia on Topical Issues, Vol. 1, Nos. 3 and 4 (pp. 213–388): Frank A. Pattie 70
Powers and Witmer's An Experiment in the Prevention of Delinquency: The Cambridge-Somerville Youth Study: Elio D. Monachesi 68
Redfield's Communication in Management: George Klare 138

Remmers' Introduction to Opinion and Attitude Measurement: Sidney S. Goldish.. 377
Schlotter and Svendsen's An Experiment in Recreation with the Mentally Retarded: Harriet E. Blodgett..... 379
Sherif and Wilson's Group Relations at the Crossroads: Bernard M. Bass..... 378
Traxler, Jacobs, Selover, and Townsend's Introduction to Testing and the Use of Test Results in Public Schools: Marjorie Olsen..... 68
Tuckman and Lorge's Retirement and the Industrial Worker: Prospect and Reality: Marvin D. Dunnette..... 375
Tyler's The Work of the Counselor: Donald E. Super..... 139
Viteles' Motivation and Morale in Industry: Clifford E. Jurgensen..... 136
Woolf and Woolf's The Student Personnel Program: John W. Gustad..... 206

Applied Psychology in Action

Colmen, J. G. Psychological Research in Personnel Administration..... 61
Dahlstrom, W. G. Personnel Psychology and Small Business..... 203
Dvorak, B. J. GATB in Foreign Countries..... 373
Epstein, M. A Note on "The Non-Directive Approach in Advertising Appeals"..... 133
Hadley, H. D. Reply to Dr. Wells and to Miss Epstein..... 202
Jurgensen, C. E. Reporting Employment Test Scores to Supervisors..... 277
Kerr, W. The Measurement of Academic Freedom..... 134
Knauft, E. B. Time Limit versus Work Limit Methods of Test Administration... 62
Murrell, K. F. H. Note on the Work of the British Standards Institution..... 202
Wells, F. L. Comment on Word Meaning..... 133
Employee Opinion Surveys..... 63
Legal Status of Advertising and Marketing Psychology Experts..... 276

Miscellaneous

New Books, Monographs, and Pamphlets..... 71, 143, 210, 282, 380, 468